

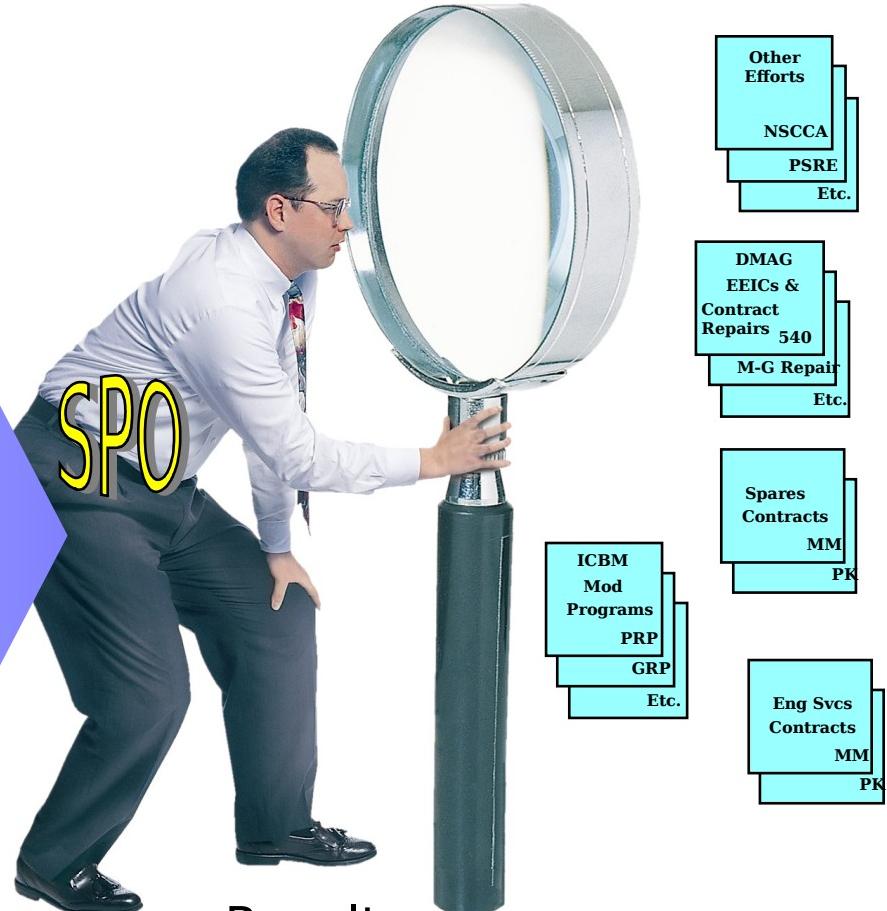


Backup Slides



ICBM History

- 1954 SECAF Memo
 - Begin ICBM development
 - Contracted RDT&E support
 - SETD contractor
 - Associate
 - Involve best minds
 - Rocketry
 - Guidance & Control
 - Nuclear Weapons
 - Direct contracts
- End results = ICBM Management 1954-1998
 - Air Force as Prime
 - TRW as SETD/SETA
 - >150 Separate contracts



- ◆ Result:

- 43-Year success story, but
 - Manpower intensive
 - Becoming unaffordable

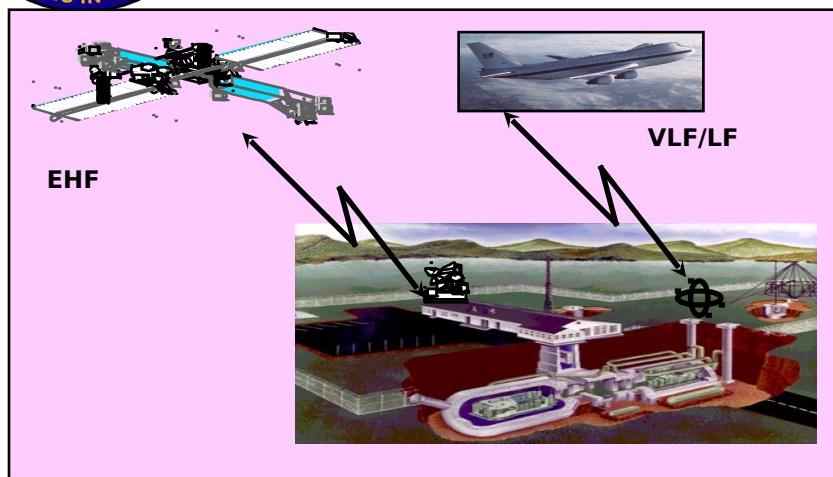


IPICT “Advantage”

- **Prime Team possesses critical skills for DoD work**
 - ICBM “corporate knowledge”
 - DoD acquisition process and policies
 - Systems Engineering
 - Guidance systems
 - Solid and Liquid propulsion systems
 - Command and Control
 - Higher Authority Communications
 - Software
 - Contractor Logistics Support (CLS)



Program Description



- Combined Acquisition under IPIC
- TRW is Gov't "Face" to Industry
 - Set Strategy
 - Select Subcontractors
- Timeline
 - Execution CA: Mar 99
 - IOC: CY01
 - FOC: Dec 03

- EHF and VLF/LF Comm Systems
 - EHF Replaces AFSAT and ISST
 - SHF/EHF (20 GHz rec, 44 GHz trans)
 - VLF/LF Replaces SLFCS
 - VLF/LF (14-60 KHz, rec only)
- Survivable





Acquisition Schedule

ID	Task Name	Duration	Start	Finish	1999				
					Sep '98	Oct '98	Nov '98	Dec '98	Jan '99
4	CBD Announcement for IPIC transition	0 days	Fri 9/25/98	Fri 9/25/98	◆ 9/25				
5	Industry Day/Draft RFP Release	1 day	Wed 10/7/98	Wed 10/7/98					
6	Prepare Sucontractors RFP Doc.	19 days	Thu 9/24/98	Tue 10/20/98					
7	2nd draft RFP drop	1 day	Mon 10/12/98	Mon 10/12/98					
8	Release Formal Subcontractor RFP	0 days	Tue 10/20/98	Tue 10/20/98		► 10/20			
9	Prepare Technical Proposal	61 days	Wed 10/21/98	Mon 1/25/99					
13	Prepare Cost Proposal	61 days	Wed 10/21/98	Mon 1/25/99					
17	Subcontractors Technical Proposals Due	0 days	Fri 11/20/98	Fri 11/20/98		◇ 11/20			
18	Subcontractors Cost Proposals Due	0 days	Mon 11/30/98	Mon 11/30/98		◇ 11/30			
19	Source Selection/Negotiation	51 days	Fri 11/20/98	Wed 2/10/99					
26	Subcontractor Selection	0 days	Mon 1/11/99	Mon 1/11/99		◇ 1/11			
27	"One Pass" Process	4 days	Tue 1/19/99	Fri 1/22/99		■			
28	Milestone II Decision	0 days	Fri 1/29/99	Fri 1/29/99		◇ 1/29			
29	Pre-Award Cost Authorization	0 days	Mon 2/1/99	Mon 2/1/99		◇ 2/1			
30	TRW Proposal Compilation	27 days	Mon 1/11/99	Tue 2/16/99					
31	TRW Proposal Signoff & Approval	3 days	Wed 2/17/99	Fri 2/19/99		►			
32	Submit Propsoal to Government	0 days	Mon 3/1/99	Mon 3/1/99					
33	Contract Award	0 days	Fri 3/19/99	Fri 3/19/99		◇ 3/1			



Source Selection

- Order of importance
 - Technical/Management
 - Greatest weight
 - Cost/Price & Past and Present Performance
 - Equal weight to each other
 - General Considerations
 - Least weight
- Evaluation methodology - AFARS (AA-304 & AA-305)
 - Color/Adjectival Rating (except cost)
 - **Blue-Green-Yellow-Red**
 - Proposal Risk Assessment
 - Performance Risk Assessment



Minuteman MEECN Program (MMP)

Execution Schedule



ID	Task Name	Start	Finish	1999				2000				2001				2002				2003			
				Q1	Q2	Q3	Q4																
1	Execution Phase	Wed 2/3/99	Wed 12/31/02																				
2	Development	Wed 2/3/99	Thu 5/31/00																				
3	Authority to Proceed	Wed 2/3/99	Wed 2/3/99					2/3															
4	SRR	Mon 5/17/99	Fri 5/21/99																				
5	PDR	Mon 7/19/99	Mon 8/2/99																				
6	CDR	Mon 10/11/99	Mon 10/25/99																				
7	TRR	Fri 5/26/00	Fri 6/2/00																				
8	PA	Mon 10/2/00	Fri 11/17/00																				
9	DRR	Mon 10/2/00	Fri 2/2/01																				
10	IOT&E	Mon 10/2/00	Mon 10/16/00																				
11	FCA/PCA	Mon 1/29/01	Thu 5/31/01																				
18	Production	Tue 1/2/01	Mon 9/30/02																				
19	Option 1	Tue 1/2/01	Fri 9/28/01																				
25	Option 2	Mon 10/1/01	Mon 9/30/02																				
31	Deployment	Wed 1/31/01	Tue 12/31/02																				
32	Deploy Kits	Wed 1/31/01	Tue 12/31/02																				
33	Wing III Deployment	Mon 7/30/01	Wed 11/28/01																				
36	Wing V Deployment	Mon 7/30/01	Wed 12/5/01																				
39	Wing I Deployment	Thu 8/1/02	Fri 11/29/02																				
44	IOC	Mon 10/1/01	Fri 10/26/01																				
45	FOC	Mon 12/30/02	Mon 12/30/02																				
46	EOC	Thu 1/2/03	Wed 12/31/03																				